

W/H.  
LLANDRINDOD WELLS URBAN DISTRICT COUNCIL  
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Town Hall,

LLANDRINDOD WELLS.

5th December, 1958.

To the Chairman and Members,

I have pleasure in submitting for your consideration the report of the Sanitary Conditions and Vital Statistics of the Urban District for the year 1957.

This report is prepared in accordance with the instructions issued by the Welsh Board of Health Circular 1/1958 (Wales) and presents briefly the scope of the activities of the Health Department.

Yours faithfully,

  
M.A. B.M. R.C.H.  
Medical Officer of Health.





LLANDRINDOD WELLS URBAN DISTRICT COUNCIL.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE  
YEAR 1957.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of District	.....	1509 acres
Registrar General's Estimate of Resident Population Mid.1957	.....	3230 persons
No. of Inhabited Houses at the end of the year (including flats)	.....	1085
Rateable Value - 31st December, 1957	.....	£45,536
Product of Penny Rate	.....	£173. 5. 2

NATURAL AND SOCIAL CONDITIONS

The natural conditions of the town are very little altered from the details given in previous reports, and the conditions of the town in respect of purity of atmosphere is still unmarred by smoke and atmospheric pollution.

The Climatological conditions of 1957 were as detailed in the following tabulation which includes comparisons with the three previous years:-

	<u>1957</u>	<u>1956</u>	<u>1955</u>	<u>1954</u>
Total Rainfall ... ..	40.06	32.49	35.66	47.68
Highest Maximum Temperature...	85°F	76°F	84°F	79°F
Average Maximum Temperature...	55°F	53.8°F	54.9°F	53°F
Lowest Minimum Temperature ...	19°F	3°F	13°F	10°F
Average Minimum Temperature	42.3°F	46.7°F	39.8°F	40°F
Sunshine Hours ... ..	1335.3	1324.9	1547.2	1218

The year's weather was very average, neither temperatures, rainfall nor sunshine differed greatly from average values. The summer months of July, August and September were well above average for rainfall but the dry periods of late spring and late autumn counter-balanced the excesses.

The late spring was mild with temperatures above average, summer temperatures were below average the late summer and the autumn being cold, the winter was mild.

A feature of the analysis of weather throughout the year was that of the alternative wet and dry period each lasting about three months.

The sunshine recorded during the months of July, August and September was low totalling only 356 hours whilst the three previous months totalled 618 hours. Of the year the month of June was the best with rainfall of 1.60 inches, sunshine 278 hours, highest temperature 84°F and surprisingly a lowest minimum temperature of 32°F.

The variable weather did not appear to have any traceable effects on the health of the population and no serious epidemics or illness occurred.

## OCCUPATIONS.

No great variation in the occupations of the townspeople appeared to take place, the increase in population was confined to an increase in the number of retired persons coming to reside in the town, and to an increase in residents of the professional and administrative classes chiefly employed in Government and Nationalised establishments.

The tourist season trade at the hotels was again successful and on occasions the capacity of the town was insufficient to accommodate the visitor and tourist. The opinion at the end of the season of the hoteliers and inhabitants engaged in the tourist and holiday trade, was that the holiday industry of the town was on the upgrade.

There was no large amount of unemployment and the part-time employment of married women and semi-retired persons showed an increase.

Housing conditions in the town were maintained. A lack of suitable residential houses in addition to small dwelling houses was more noticeable and towards the end of the year there were prospects of an extension in private enterprise building. The Council awarded during the year a Contract for the erection of 4 three-bedroom type houses for the accommodation of families to be removed from dwellings under the Slum Clearance Scheme.

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TABLE 1.

VITAL STATISTICS OF THE DISTRICT DURING 1957.

		<u>Total</u>	<u>Male</u>	<u>Female</u>
Live Births	(Legitimate	39	20	19
	(Illegitimate	2	1	1
		41	21	20

Birth Rate per 1000 of the Estimated Population:-

Live Births	...	...	...	...	...	...	...	12.7
Still Births	...	...	...	...	...	...	...	Nil

Birth Rate for the previous years:-

1956	-	12.1
1955	-	10.12
1954	-	14.00
1953	-	9.77
1952	-	14.30
1951	-	13.90
1950	-	13.10
1949	-	16.25

<u>DEATHS</u>		<u>Total</u>	<u>Male</u>	<u>Female</u>
No. of Deaths		58	15	23

The Death Rate per 1000 of the Estimated Resident Population was 11.76

Death Rate for previous years:-

1956	-	15.4
1955	-	15.33
1954	-	13.41
1953	-	15.9
1952	-	16.4
1951	-	12.50
1950	-	10.31
1949	-	13.38

Deaths from Puerperal causes..... Nil

Death Rate from Puerperal causes..... Nil

Death Rate of Infants under one year of age:-

Infant deaths under one year..... Nil

All infants per 1000 live births..... Nil

Legitimate infants per 1000 legitimate births..... Nil

Illegitimate infants per 1000 illegitimate live births... Nil

Deaths from child birth. .... Nil

Deaths from malignant diseases..... 10

Deaths from Measles..... Nil

Deaths from Whooping Cough (all ages)..... Nil

Deaths from Diarrhoea (under 2 years of age)..... Nil



TABLE 2  
STATISTICS OF CAUSES OF DEATH

Causes of Death	M.	F.
All causes	15	23
1. Tuberculosis Respiratory	Nil	Nil
2. Tuberculosis other	Nil	Nil
3. Syphilitic disease	Nil	Nil
4. Diphtheria	Nil	Nil
5. Whooping Cough	Nil	Nil
6. Acute Poliomyelitis	Nil	Nil
7. Measles	Nil	Nil
8. Other infective and parasitic diseases	Nil	Nil
(i) Malignant Neoplasm - Stomach	Nil	1
(ii)       "       "       - Lung bronchus	Nil	Nil
(iii)       "       "       - Breast	Nil	3
(iv)       "       "       - Uterus	Nil	2
(v) Other Malignant and lymphatic neoplasms	1	3
(vi) Leukaemia	Nil	Nil
10. Vascular Lesions of nervous system	4	4
11. Diabetes	Nil	Nil
12. Coronary disease angina	2	2
13. Hypertensia with heart disease	1	Nil
14. Other heart disease	2	5
15. Other circulatory disease	Nil	1
16. Influenza	Nil	Nil
17. Pneumonia	Nil	Nil
18. Bronchitis	1	Nil
19. Other diseases of respiratory system	Nil	1
20. Ulcer of Stomach and duodenum	Nil	Nil
21. Gastritis, enteritis and diarrhoea	Nil	Nil
22. Nephritis and nephrosis	Nil	Nil
23. Hyperplasia of Prostate	1	Nil
24. Pregnancy, childbirth, abortion	Nil	Nil
25. Congenital malformations	Nil	Nil
26. Other defined and illdefined diseases	2	1
27. Motor Vehicle Accidents	Nil	Nil
28. All other accidents	1	Nil
29. Suicide	Nil	Nil
30. Homicide and operations of War	Nil	Nil

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

1. Public Officers:-

Medical Officer of Health (Part time)  
J. Emrys Jenkins, M.A., B.M., B.Ch.,

Public Health Inspector (Part time)  
R.J. Morris, A.R.I.C.S., M.R.San.I., Cert. S.I.,

2. Laboratory Facilities.

- (a) The examination and analysis of water, sewage effluents and stream contamination are carried out by the Public Analyst of the County Laboratories, Carmarthen. Analyst - H.J. Evans & Partner.
- (b) The examination of milk and ice-cream samples are carried out at the Public Health Laboratories, Shrewsbury Infirmary.

3. HEALTH SERVICES. The following services are carried out by the Radnorshire County Council under the National Health Service Act, 1946.

- (i) Maternity and Child Welfare
  - (ii) Clinics
  - (iii) Dental care for expectant mothers and nursing mothers and young children together with School Dental Services.
  - (iv) Midwives Service, delegated to the Radnorshire County Nursing Association.
  - (v) Health visiting delegated to the Radnorshire County Nursing Association.
  - (vi) Home Nursing delegated to the Radnorshire County Nursing Association.
  - (vii) Vaccination and immunisation of children under five and of school age is carried out by Registered Medical Practitioners of the parents choice or by the County Medical Officer.
- The vaccination of adults is carried out by Registered Medical Practitioners.
- (viii) Ambulance Service
  - (ix) Prevention of Illness, Care and after care of persons suffering from tuberculosis, mental illness or defectiveness and other types of illness is organised under the aegis of the County Health Committee.

#### SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply. The major difficulty on water supply during the year was that of purification and clarification of the water due to continuous flood conditions in the River Ithon.

The purification by filtration and sterilisation was satisfactory but the maintenance of a pH value of neutral was, on occasions, very difficult and acid water conditions and heavy dosage with alumina ferric caused occasional precipitation of alumina and complaints from consumers.

The main source of supply remained the River Ithon and system of filtration and sterilisation was as previously reported. During four of the twelve months river flood conditions were experienced.

Chlorination is maintained to give a free chlorine content of between 0.08 and 0.2 p.p.m. after 30 minutes contact. Tabulated list of Analyst's Reports are given in Table 3.

No new mains were laid during the year. Seven new water service connections were made and twelve existing services were renewed.

Statistics in respect of the Water Supply are detailed below:-

Estimated Population supplied from Public Water Mains.....	3201
Estimated " not supplied from Public Water Mains....	29
Number of Dwelling Houses or Flats Supplied direct into Premises.....	1073
Number of dwelling houses and farms supplied by means of stand pipes.....	12
Estimated Population supplied by stand pipes.....	42
Number of premises (farms) with own piped supplies.....	5
" " " " with no piped supplies.....	Nil
Premises supplied from mains and outside Urban District.....	13
Estimated Population so supplied.....	61

TABLE 3.

Bacteriological Analysis for the year 1957 carried out by H.J.Evans & Partners, Public Analyst, Bank Lane, Carmarthen.

(a) Water taken from domestic taps of water supplied from River Ithon.

Date of Sample	No. of Organisms 48 hrs. at 22°C.	Coli present in CC's					Remarks
		100	50	25	20	10	
20. 2. 57	27	Nil	-	-	-	-	Satisfactory
20. 4. 57	19	Nil	-	-	-	-	Highly Satisfactory
23. 7. 57	450	3	-	-	-	-	Not Satisfactory
1. 8. 57	25	Nil	-	-	-	-	Satisfactory
3. 9. 57	56	Nil	-	-	-	-	Highly Satisfactory
25.11. 57	66	Nil	-	-	-	-	"

(b) Water taken from domestic tap of water supplied from Gorse Spring.

3. 9. 57	8	Nil	-	-	-	-	Highly Satisfactory
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TABLE 4.

Water Consumption (All consumers and Trades)

Year	Water pumped to Service Reservoirs	Estimated Population served	Estimated Consumption per head per day	Trade Consumption Metered Supplies
1957	61,340,000	3261	51.5	11,963,000
1956	71,640,000	3280	58.9	14,290,000
1955	75,110,000	3310	62.1	15,145,000
1954	70,630,000	3280	58.0	12,684,000
1948	64,100,000	3500	50.1	12,500,000
1949	67,490,000	3438	51	9,250,000
1950	62,010,000	3586	44.6	10,250,000
1951	67,690,000	3250(Census)	48.7	10,250,000
1952	66,710,000	3286	38.9	11,750,000
1953	68,000,000	3275	56.8	12,500,000

The tabulation shows a decrease on the 1956 figures of 10,300,000 gallons. The consumption is still high as compared with the national average, the trade and hotel consumptions, however, account for 10 gallons per head per day which reduces the consumption to 41.5 gallons per head per day for domestic use.

#### Drainage and Sewerage.

Drainage. No alterations or extensions of the drainage systems of the town were carried out during the year. The sewers are on the partial separate system and the volume of flow varies greatly with the rainfall.



A detailed survey of sewers, falls in sewers and manhole depths was carried out of the systems draining to the Ddole Road Sewage Works at the North of the town. It was found that there was a large volume of surface water infiltration into the sewers, also that a section of sewer from Tremont Road across the Smithfield House meadows was of insufficient capacity to carry the flow on heavy rain storms, two manholes on this section were found to overflow on occasions.

Blockages of a sewer from Alexandra Road occurred on three occasions during the year and a covered manhole on the sewer was eventually found in which the flow was being held back.

A Lea Recorder was fitted on the outfall sewer to the Rhydllyndu Works late in the year.

### Sewage Disposal.

General. The maintenance work at both Disposal Plants was extensive during the year and included the removal of filter media at the Ddole Road Works and replacement with new granite media. At the Rhydllyndu Works the concrete humus tank was repaired, sludge lagoons emptied of sludge and the central trough of the filter distributors replastered and leaks stopped.

Improvement Scheme. Preparatory work on calculations and plans for the improvement and reconstruction of the two disposal works was carried out and the Council approved the siting of a new works for the North end of the town on land at Crabtree Green, and the laying of a new outfall sewer adjacent to the Ddole Road Works to this site. (These proposals have been amended during 1958.)

### ANALYST'S REPORTS ON SEWAGE EFFLUENTS.

#### Copy of Reports received from Wye River Board.

Date taken - 17.6.57	Works - Rhydllyndu Parts per million	Ddole Road Parts per million
Suspended Solids ... ..	50	24
Biochemical Oxygen Demand (5 days @ 20°C) dilution $\frac{1}{30}$ ...	168 dilution $\frac{1}{20}$	70
Oxygen absorbed 4 hours - settled	25.4	18.0
" " " " shaken	26.6	18.6
Free ammonia as N ... ..	29	27
Nitrite as N.. ... ..	-	-
Nitrate as N.. ... ..	Nil	Nil
pH ... ..	8.64	8.57
Alkalinity to Methyl Orange ...	250	263
Chloride as Cl ... ..	54	44

### COMMENTS.

Rhydllyndu - Unsatisfactory

Ddole Road - Unsatisfactory because of high B.O.D. value and lack of nitrification.

Rivers and Streams. Examinations were carried out of the two streams which pass through the Urban District.

The oil pollution in one of these streams was eventually traced to fractures in underground pipe line passing from the railway siding to petrol depot.

To prevent oil pollution from the railway station goods yard( the railway engineers fitted oil trap on gullies in the yard and permanent way.

The blockage in culvert of the Arlais Brook was removed by the proprietors of the Metropole Hotel and to avoid further overflow of this stream, the cover to the box culvert was removed for some of its length.

PUBLIC CLEANSING. The collection of household and trade refuse proceeded as in other years by the Council's own staff and vehicles. The collection from domestic properties being once in each week and certain trade and hotel premises twice each week.

Disposal of refuse by incineration was continued. The three retorts of the incinerator were dismantled and rebuilt with new fire brick lining during the year.

The collection of waste paper and other waste materials was maintained and 14 tons 9 cwts. of waste paper, and 22 tons 14 cwts. of destructor scrap were disposed of. The separation of bottles and glass was started during the year.

A large accumulation of clinker and ashes was removed from the incinerator tip during the year.

FOOD.

TABLE 6.

Inspection and Supervision of Food.

Milk.

Non-Residential designated pasteurised Retailers and Designated Traders	-	2
Residential designated Retailer and Trader	-	1
Residential Registered Dairymen designated retailers	-	1
Non-Residential Designated Retailers	-	4
Wholesale producers in Urban District	-	4
Visits to cowsheds during the year	-	Nil
Visits to Dairies during the year	-	8
Samples of milk tested during the year	-	Nil
Action taken by Council in respect of unclean milk during the year	-	Nil

TABLE 7.

Foods. Number of Food Premises and Types

Manufacturers other than bakehouses	-	Nil
Bakehouses for bread and confectionery	-	3
" for confectionery only	-	Nil
Confectioners - Retail	-	5
Fish and Chip Fryers	-	2
Retail Green Grocers	-	5
Grocers	-	11
Hotels - Public and Private	-	14
Milk Shops	-	Nil
Meat Retailers	-	6
Licensed Premises	-	6
Pork Butchers	-	Nil
Restaurants	-	6
Sausage and Cold Meat Producers	-	4
Fishmongers	-	2
Deep Freeze (Frozen Foods)	-	4

Number Registered under Section 16 of Food and Drugs Act.

Ice Cream.....	16
Cooked Meats.....	3

No ice cream is manufactured at a local premises.

<u>Number of Dairies registered under Milk and Dairies</u>	
Regulations.....	1
Number of Inspections of Registered Food Premises.....	12
" " " " Bakehouses.....	5
Complaints received in respect of Foods.....	1 (Dirt in bread)
Number of Inspections of Food Preparation	
Establishments.....	20

TABLE 8.

Foods Surrendered or Condemned and Destroyed.

Various canned foods including milk etc.	-	74	tins
Fish - - - - -	-	6	lbs.
Bacon - - - - -	-	Nil	lbs.
Cooked canned meats	-	12	lbs.
Cooked Meats	-	39	lbs.
Poultry - - - - -	-	Nil	
Cheese - - - - -	-	16	lbs.
Vegetables - - - - -	-	17	lbs.

Condemned food, unless salvagable, is destroyed at the incinerator.

No special examinations of stocks or consignment of foods were carried out.

FOOD HYGIENE REGULATIONS. Posters for hanging in food premises detailing the requirements relating to persons engaged in the handling of food were distributed to food preparation establishments during the year.

Adulteration of Foods. The administration of the Acts dealing with the adulteration of food is carried out by the officers of the Radnorshire County Council and no particulars are available to my Council.

Food Poisoning Outbreaks. No cases of food poisoning occurred during the year.

Meat Inspection.

Slaughterhouses in use during the year - four, of which two are for slaughter of sheep and pigs only.

One slaughterhouse licence was withdrawn during the year due to unsatisfactory conditions.

A large volume of the meat, in particular beef, and in the winter and spring mutton, is now purchased by retailers from the wholesalers at Shrewsbury, Craven Arms and Builth Wells.

Each of the proprietors of slaughterhouses were circularised with copies of the new slaughterhouse Regulations, and it was reported to the Council that not one of those licensed would conform to the requirements of the Regulations.

The proprietors were also forwarded a second copy of the Slaughterhouse Byelaws.



ANIMALS KILLED, INSPECTED AND CONDEMNED

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TABLE 9.

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed approximately	60	3	9	1444	107	Nil
Number Inspected in Slaughter- house	21	-	Nil	209	11	Nil
do do in Retail Shops	34	-	Nil	290	22	Nil
<u>All diseases except Tuberculosis and Cysticerci.</u>						
Whole Carcasses Condemned	Nil	-	-	Nil	-	Nil
Carcasses of which some part or organ condemned	4	-	-	8	-	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	2.4%	-	Nil	-	Nil	Nil
<u>Tuberculosis only.</u>						
Whole Carcasses condemned	Nil	-	Nil	-	Nil	-
Carcasses of which some part or organ condemned	Nil	-	Nil	-	Nil	-
Percentage of the number inspected with tuberculosis	-	-	-	-	-	-
<u>Cysticercosis</u>						
Carcasses of which some part or organ condemned	Nil	-	Nil	-	Nil	-
Carcasses submitted to treatment by Refrigeration	Nil	-	Nil	-	Nil	-
Generalised and Totally condemned	Nil	-	Nil	-	Nil	-



INFECTIOUS AND OTHER DISEASES

Cases of notifiable infectious disease occurred as tabulated below:-

No cases were transferred to Isolation Hospital and the cases arising were isolated at home.

NOTIFIABLE DISEASES DURING 1957.

Diseases	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Small Pox	Nil	Nil	Nil
Scarlet Fever	-	-	-
Diphtheria	-	-	-
Enteris Fever	-	-	-
Puerperal Fever	-	-	-
Puerperal Pyreia	-	-	-
Whooping Cough	-	-	-
Pneumonia	-	-	-
Other notifiable diseases	-	-	-
Acute Poliomyelitis	-	-	-
Measles	41	Nil	Nil
Chicken Pox	-	Nil	Nil
TOTAL	41	Nil	Nil

Inspections carried out in respect of infectious diseases - Two

Rooms fumigated for infectious diseases or otherwise - One

Rooms fumigated for vermin - Two

Cancer. No action taken. The publicity in connection with smoking and lung cancer was carried out by the Medical Officer of Health of the Radnorshire County Council.

Blindness. No action taken.

Tuberculosis. The requirements of the Public Health (Tuberculosis) Regulations, 1939 have been carried out.

No action has been taken under the special powers given to local authorities under these Regulations.

No applications were received by the Council under Section 172 of the Public Health Act, 1936, for the removal to hospital of persons suffering from tuberculosis of the respiratory tract.

Tuberculosis. New Cases and Mortality during 1957.

Age Groups	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65 and up	-	-	-	-	-	-	-	-
TOTALS	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

# H O U S I N G

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In accordance with the instructions of Circular 17/55 Wales, the inclusion of details on housing matters are omitted.

## SANITARY INSPECTION OF THE AREA

### Summary of the work of the Sanitary Inspector's Department.

Total number of Inspections and Visits made - 311

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<u>Nuisances.</u>		<u>Lodging Houses.</u>	
No. of visits re. nuisances	29	No. Registered	Nil
Visits re works in progress	11		
Notices issued		<u>Water Supply.</u>	
(a) Informal letters	7	No. of samples taken	7
(b) Informal notices	1	No. found polluted	1
(c) Statutory Notices	Nil	Houses and flats connected to supply	1085
Notices and letters complied with	6	New Houses and premises connected	4
Outstanding	1	New connections to houses	12
Legal Proceedings	Nil		
<u>Housing.</u>		<u>Infectious Diseases.</u>	
Inspections	59	No. of enquiries	3
		No. taken to hospital	Nil
<u>Food Preparing Places</u>		No. of houses disinfected	1
No. of Inspections	20	No. of houses disinfected re. fleas, lice etc.	1
<u>Slaughterhouses.</u>		<u>Water Closets etc.</u>	
No. of visits (approx.)	150	No. improved or repaired	3
No. of Condemnations	12	No. of bucket closets in district	5
<u>Foods.</u>		No. of cesspools or septic tanks in district	6
No. of seizures of unsound food	Nil	No. of earth closets in district	3
No. of condemnations	12	No. of chemical closets in district	3
<u>Dairymen.</u>		<u>House Draining.</u>	
No. of Registered	2	No. laid or relaid	5
No. of Inspections	5	No. cleansed	24
No. of Retailers	8	No. repaired	8
No. of milk samples for T.B.	Nil	<u>Licensed Premises.</u>	
No. of " " found to produce T.B.	Nil	Action taken in respect of sanitation	Nil
No. of enquiries under P.H.A. Regulations re. Contacts	Nil		
No. of milk samples for test	Nil	<u>Accumulation of Litter.</u>	
<u>Dairies.</u>		Action taken in respect of	Nil
No. of Registered Traders	2		
No. of Dairies	1	<u>Dangerous Structures.</u>	
No. of Inspections	3	Action taken in respect of	1
<u>Moveable Dwellings.</u>			
No. Registered	Nil		
<u>Bakehouses.</u>			
No. in use	3		
No. of Inspections	5		

CAMPING SITES.

- |   |     |
|---|-----|
| 1. Number of sites in area for camping purposes under canvas during 1957.....                 | 1   |
| 2. Number of CaravanCamping sites.....  | 1   |
| 3. Number of Camping sites requiring to be licensed in accordance with Public Health Act..... | Nil |
| 4. Number of Caravan Camping Sites licensed under Public Health Act.....                      | Nil |
| 5. Estimated maximum number of Campers in the area at one time during 1957.....               | 18  |

.....

<u>Smoke Abatement.</u>	Inspections made in respect of smoke abatement	-	2
	Informal action taken in connection with		1

Swimming Baths and Pools. The Swimming Pool is now operated by the Council and was open for public use during the summer, and used to a reduced extent as compared with the summers of 1955 and 1956.

Tests for chlorination - Daily

It was found that the purification and filtration plant was efficiently worked and purification was satisfactory with possible over chlorination.

Rodent Control Work.

Premises.

Number of inspections made	-	778
Premises found infested	-	39
Treatments carried out by Council		39
Treatments carried out by occupier		Nil
Dead rats picked up	-	45

Sewer Treatments. Maintenance treatment of sewers was carried out in 1957.

11 manholes were baited.

Nil manholes showed presence of rats

Nil manholes showed poison bait takes.

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